

# ✓ **Project Proposal: Hospital Patient Record System**

✓ **Project Title:** Hospital Patient Record Management System

✓ **Project Members:**

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## **1. Introduction:**

The Hospital Patient Record System is a software application designed to efficiently manage patient information. It enables healthcare professionals to store, retrieve, and search patient records quickly by using patient ID or disease. This system aims to improve hospital workflows and ensure timely access to critical patient information.

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## **2. Objectives:**

- Store detailed patient information (name, age, gender, disease, ID, etc.)
- Allow efficient search by Patient ID or Disease
- Ensure data privacy and security
- Enable quick access to medical history for treatment and diagnosis
- Support export/print options for reports

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## **3. Key Features:**

- **Patient Registration:** Add new patient records with details.
- **Search Functionality:** Search records by:
  - Patient ID
  - Disease
- **Edit/Delete Records:** Modify or remove existing records.
- **Data Storage:** Store data in a secure database.
- **Report Generation:** Export patient data to PDF/print format.

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## **4. Technologies Used:**

- **Frontend:** HTML, CSS, JavaScript (optional: React)
  - **Backend:** Python (Flask/Django) or Node.js
  - **Database:** MySQL / SQLite / MongoDB
  - **Security:** Data encryption and role-based access
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## 5. Target Users:

- Hospital Administrators
  - Doctors and Nurses
  - Medical Record Officers
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## 6. Benefits:

- Time-saving through quick search
  - Enhanced accuracy in patient record management
  - Better decision-making with accessible history
  - Improved data security and patient privacy
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## 7. Timeline:

Phase	Duration
Requirement Analysis	1 week
Design & Planning	1 week
Development	3 weeks
Testing & Deployment	1 week

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## 8. Conclusion:

This system will streamline patient record management in hospitals and improve patient care by providing timely access to accurate data. With scalability and security in mind, the system can be expanded to include appointment scheduling, billing, and more.